SONY

3-750-178-21 (1)

Radio Cassette-corder

CFS-202

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

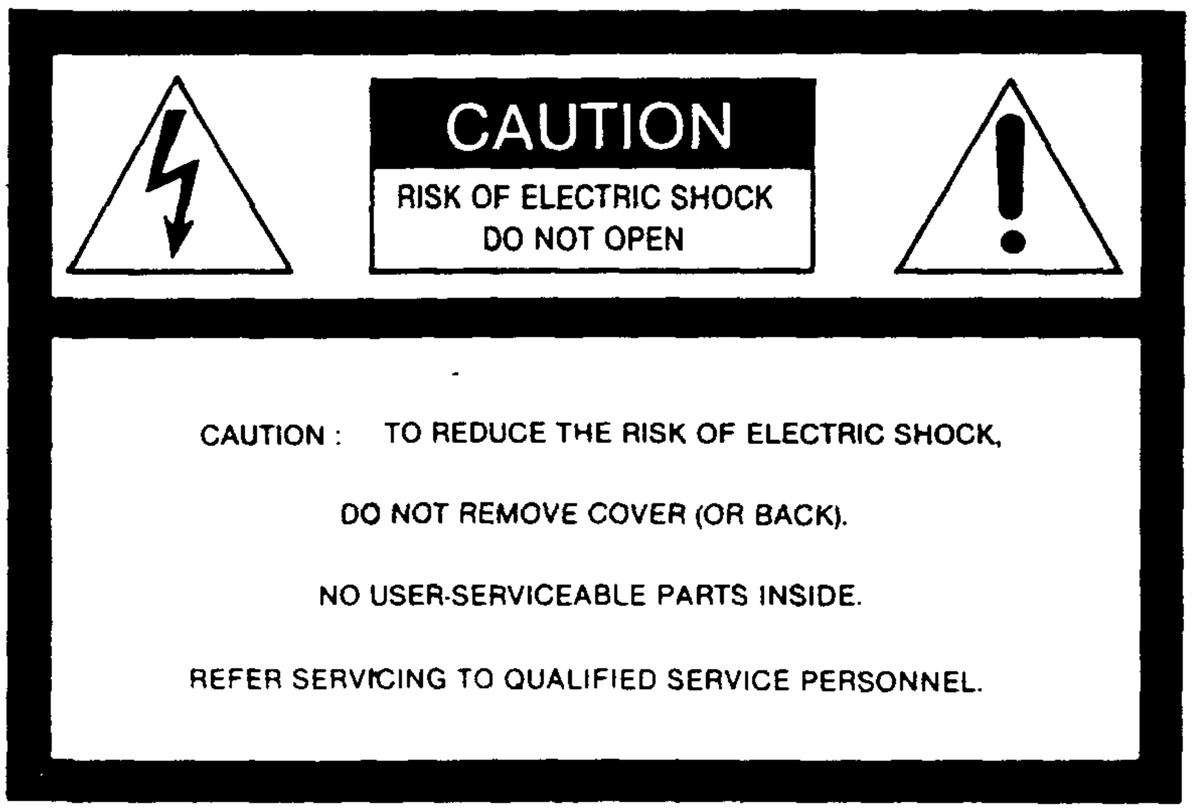
OWNER'S RECORD

The model number located at the bottom, and the serial number located in the battery compartment. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. CFS-202 Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

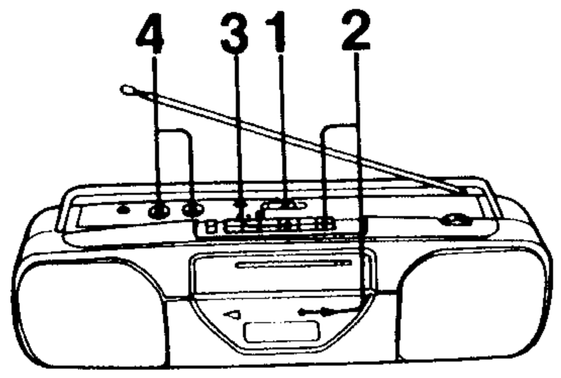

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of

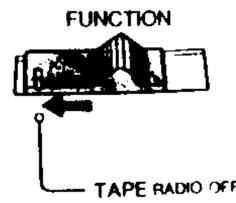
Precautions

- Operate the unit only on 120 V AC or 9 V DC, with six size D (R20) batteries.
  For AC operation, use the supplied AC power cord; *do not use any other type.*
- Unplug the unit from the wall outlet when it is not to be used for an extended period of time.
- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- The nameplate indicating operating voltage is located on the bottom of the unit.
- When the internal batteries are not to be used, remove them to avoid damage caused by battery leakage and corrosion.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
- Should any solid object or liquid fall into the unit, unplug the unit and remove the batteries, and have the unit checked by qualified personnel before operating it any further.
- Be careful not to lift the handle while telescopic antenna is in a raised position.
- If the unit has not been used for a long time, set it in playback mode and warm it up for a few minutes

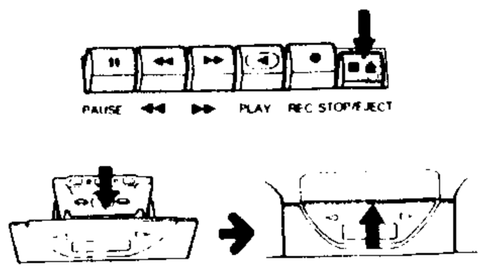
Playback



1



2 Insert a cassette.



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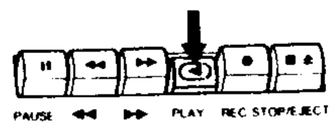
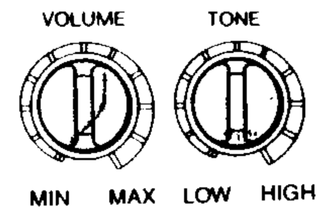


4 Adjust VOLUME and TONE.



To stop playback

To pause, Press ❚❚.
To release pause, press ❚❚ again.
To fast-wind the tape, press ◀◀.
To rewind the tape, press ▶▶.

Note
Do not press ◀◀ or ▶▶ during play. (If you do, unit will enter fast-winding mode. To release ◀◀ or ▶▶, press ■⏏.)

To select playback mode

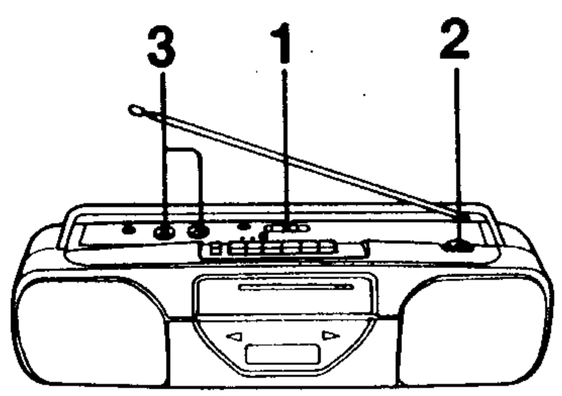
	[illegible] Selector
To play back both sides of a cassette continuously	Set to (⇄)↻.
To play back both sides of a cassette once	Set to (⇄) ↻.

Auto reverse play
After you press ◀, the unit will play the front and back sides of the cassette continuously. Press ◀/▶ to change tape transport direction.
◁/▷ (forward/reverse) indicator shows tape transport direction of the cassette being played back.

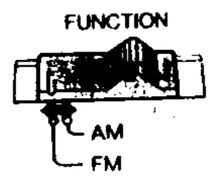
For private listening
Connect stereo headphones to PHONES jack.

When the unit is in use
OPR/BATT (operation/battery) indicator lights. Intensity of g shows battery level.

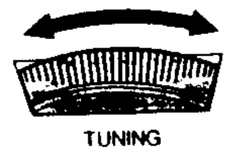
Listening to the Radio



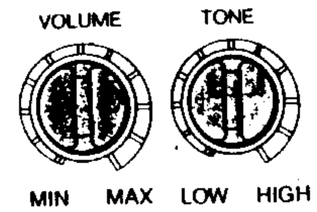
1 Select the desired band.



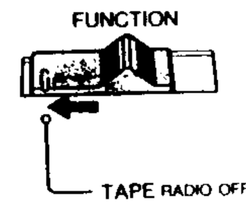
2 Tune in a desired station.



3 Adjust VOLUME and TONE.

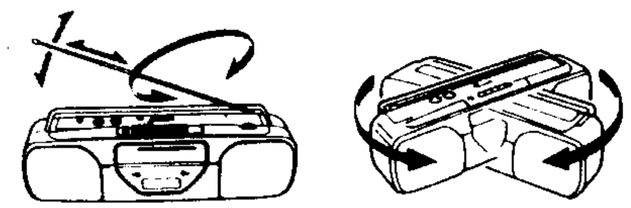


To turn off the radio



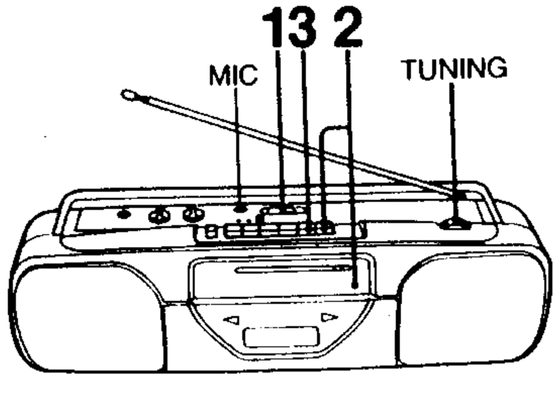
Antenna adjustment

FM **AM**

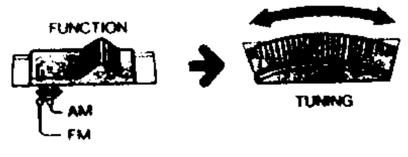


If the received FM stereo signal is too weak
The reception becomes monaural, and the FM STEREO indicator will go out.

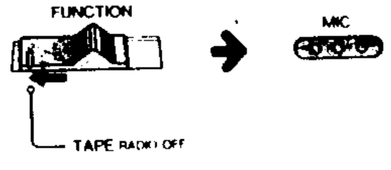
Recording



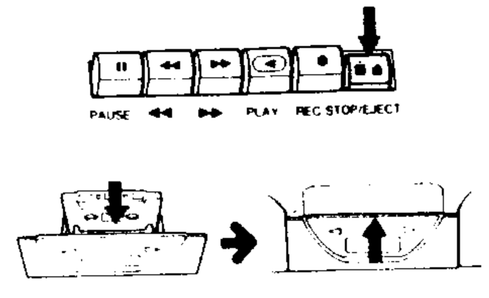
1 From radio



From built-in microphone (MIC)



2 Insert a blank cassette.



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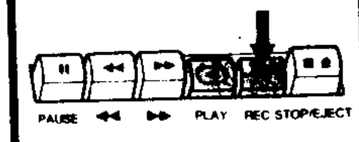
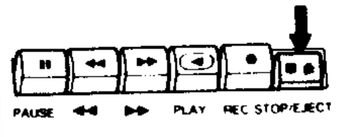


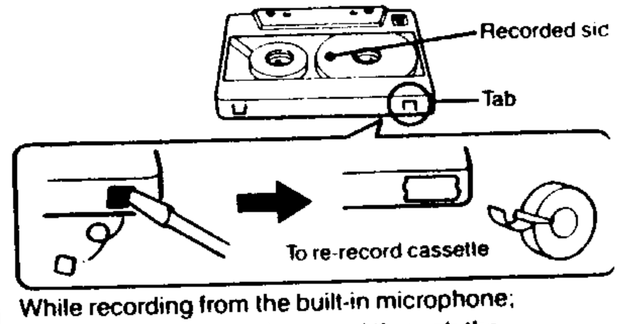
◀ is pressed automatically.

To stop recording



When the tape reaches the end, ● is released automatically and play-back of the reverse side will start.

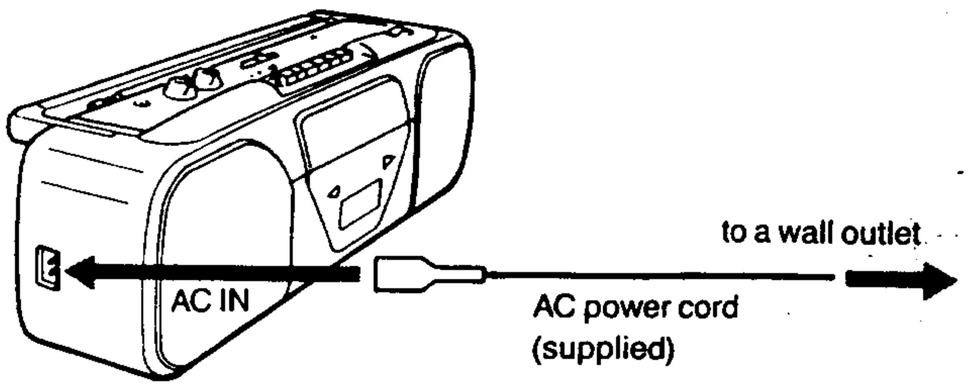
To prevent accidental erasure
Break off the tab corresponding to the side which has been recorded.
Recording on that side will be protected.



While recording from the built-in microphone;
- you cannot monitor the sound through the headphones.
- the FM STEREO indicator may light up, but this is not a trouble.

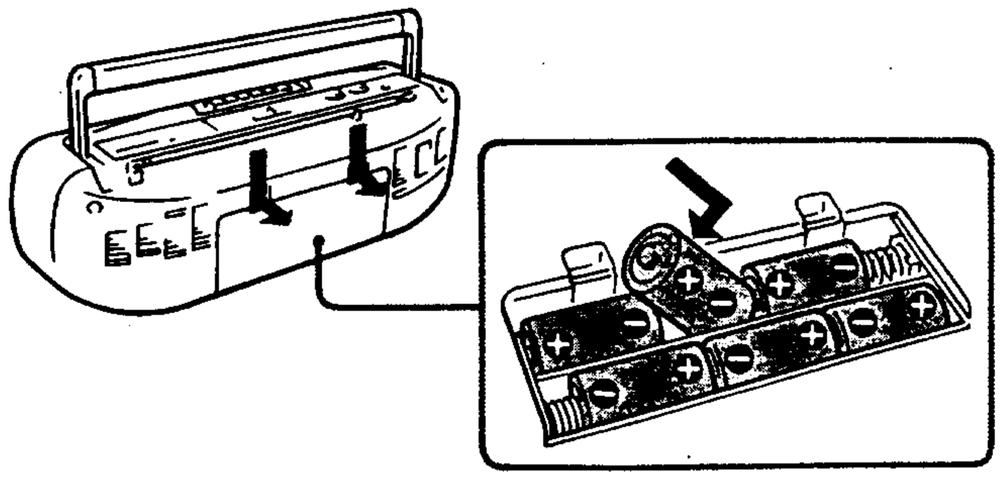
Power Sources

House Current



Batteries

Insert six size D (R20) batteries.



Note

- The unit cannot be operated on the internal batteries when the AC power cord is connected to the unit.
- When the batteries become weak, the OPR/BATT (operation/battery) indicator will glow faintly. In this case, replace all batteries with new ones.

Troubleshooting Guide

The unit does not operate.

- The AC power cord is not connected (on AC operation).
- No batteries in the battery compartment.
- Incorrect polarity of batteries.

Cassette cannot be inserted.

- Cassette is being inserted improperly.
- The ◀ button is depressed.

The ● button cannot be depressed.

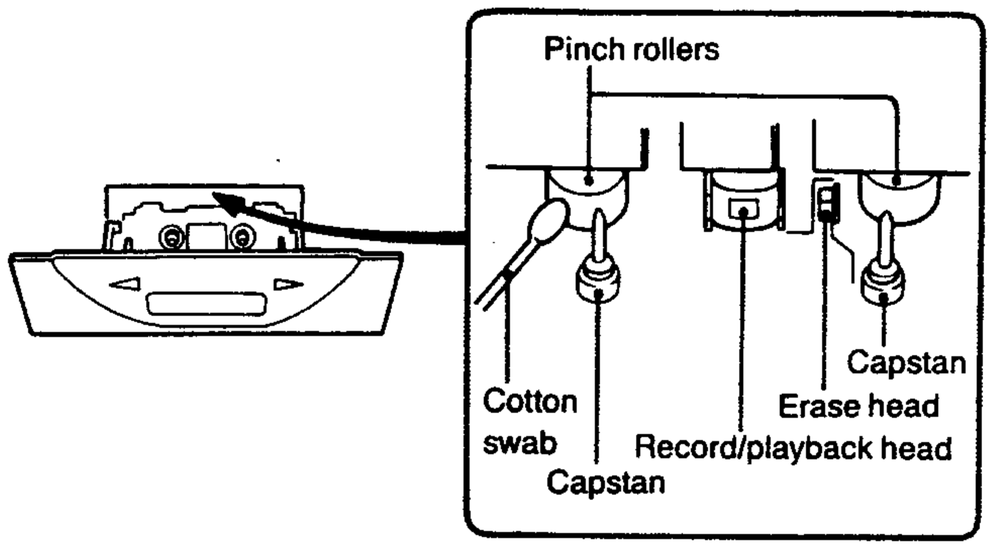
- No cassette in holder.
- The cassette inserted has the tabs removed.
- The ◀◀ or ▶▶ button has been depressed.

No sound from the speakers

- Headphones are plugged in.
- The VOLUME control is turned down completely.
- Check the function selector setting.

Sound drop-outs, loss of high frequencies, or excessive noise

- Dirty heads. Clean the illustrated portions with a cleaning tip slightly moistened with cleaning fluid or denatured alcohol.



Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 3.2-ohm loads, both channels driven, from 150—10,000 Hz; rated 1.5 W per channel minimum RMS power, with no

Speakers	Full-range: 10 cm (4 inches) dia. × 2
Power output (model for Canada)	2.3 W+2.3 W (at 10% harmonic distortion) in DC operation
Output	Headphones jack (stereo minijack) for 16—68 ohm impedance headphones
Power requirements	120 V AC, 60 Hz 9 V DC, six size D (R20) batteries
Battery life	

Battery	FM recording
Sony SUM-1 (NS)	Approx. 17 hours